1991 EDITORIAL INDEX

BUILDING ENVELOPE

Single-Ply Update — Jan....50
Wright Building Gets New Roof — Jan....62
Facility Facelifts — Feb....30
Replacement Windows Product Showcase — Feb....62
Complex Roof Shape Poses Problems — Feb....66
School District Has Roofs Replaced — Feb....70
Metal Building Systems Product Showcase — March....70
Roofing Team: Communication Breakdown — March....81
Roof Warranties — March....87
Eight Questions Before You Reroof — March....93
Roof Maintenance — March....97
Barrel-Shaped Roof Replacement — March....110
Window Replacement — April....22
Recladding — April....32
Roofing Contractors — April....40
Roofing Manufacturers Index — April....46
Building Envelope: Campuses — April....74
Modified Bitumen Roofing — April....86
Asbestos Removal Complicates Roof Replacement — April....88
Solar Control Product Showcase — June....79
Coating System Protects Historic Building — June....102
Finish System Insulates, Adds Visual Appeal — June....102
Window Replacement: Building Manager's Role — July....48
Stripping 82-Year-Old Paint Presents Challenge — Aug....75
Exterior Insulation, Finish Systems — Sept....86
Interior Roller Shades Eliminate Glare — Sept....128
Military Warehouse Roof Replacement — Sept....128
Roof Inspection — Oct....50
'90s Outlook: Building Envelope — Dec....34
Window Glazing Options — Dec....38
Sealants and Coatings Product Showcase — Dec....49
Waterproofing System Protects Parking Deck — Dec....54
Metal Building Insulation — Dec....55

BUILDING RENOVATION/RETROFIT

New Asbestos Rules — Jan....34
The Retrofit Boom — Feb....24
Facility Facelifts — Feb....30
Avoiding Environmental Hazards — Feb....37
Energy-Saving Retrofits — Feb....42
Automating Your Building for the '90s — Feb....50
Replacement Windows Product Showcase — Feb....62
Selecting a BAS — March....40
Elevator Modernization — March....62
Metal Building Systems Product Showcase — March....70
Construction Planning — March....106
Window Replacement — April....22
Recladding — April....32
Fire-Safety Retrofits — Aug....43
Renovation Case Studies — Sept
- Owner Perspective....18
- Rockefeller Center....24
- Arden Fair....30
- Bowman Gray/Baptist Hospital....38
- St. Regis....46
- Tufts University....60
- Young Federal Building....67
- Sheraton Palace....72
- Baker Center....78

HVAC Needs of the Electronic Office — Oct....24
Lamp Retrofit Projected to Save Millions — Dec....54
Chiller Refrigerant Conversion — Dec....55

ENERGY MANAGEMENT

Indoor Air Quality, Energy Efficiency — Jan....24
School District Gets New Lighting System — Jan....62
Energy-Saving Retrofits — Feb....42
Office Building Finds Flexible Energy Solution — Feb....66
Hotel Sees Payback From Motor Retrofits — Feb....68
Energy Challenge: Conservation — March....26
Utilities: Affordable Efficiency — March....34
Selecting a BAS — March....40
Energy-Efficient HVAC Technology — March....48
High-Speed Network Comes to Radio City — March....110
Digital Control Helps Center Keep Cool — March....112
Selecting Insulation — April....61
EMS: Flexibility is Crucial for Hospital — April....86
Regulating Lighting Loads — May....32
Power Distribution — May....57
Fluorescent Lighting: System Reduces Costs — May....66
Reflectors Reduce Lighting Costs — May....66
Motel Chain Trims Electricity Costs — May....68
CNN Center Reduces Costs, Pollution — May....68
Utility Practices Conservation — May....70
HVAC: Balancing Cost With Comfort — June....24
Energy Management — June....70
Solar Control Product Showcase — June....79
Upgrade Cuts AC Load — June....100
BAS Manages Energy, Comfort — June....100
Renovation Includes Tenant Comfort System — June....101
Electric Submetering Installation — Aug....75
Special Report: Green Lights — Sept
- Why Green Lights?....98
- A Bright Investment....102
- Partners and Allies....112
- Environmental Issues....122

Interior Roller Shades Eliminate Glare — Sept....128
HVAC Needs of the Electronic Office — Oct....24
Remote Monitoring and Diagnostics — Oct....30
'90s Outlook: Lighting — Dec....30
Window Glazing Options — Dec....40
Lamp Retrofit Projected to Save Millions — Dec....54
Metal Building Insulation — Dec....55
Chiller Refrigerant Conversion — Dec....55

1991 EDITORIAL INDEX

BUILDING ENVELOPE

Single-Ply Update — Jan....50
Wright Building Gets New Roof — Jan....62
Facility Facelifts — Feb....30
Replacement Windows Product Showcase — Feb....62
Complex Roof Shape Poses Problems — Feb....66
School District Has Roofs Replaced — Feb....70
Metal Building Systems Product Showcase — March....70
Roofing Team: Communication Breakdown — March....81
Roof Warranties — March....87
Eight Questions Before You Reroof — March....93
Roof Maintenance — March....97
Barrel-Shaped Roof Replacement — March....110
Window Replacement — April....22
Recladding — April....32
Roofing Contractors — April....40
Roofing Manufacturers Index — April....46
Building Envelope: Campuses — April....74
Modified Bitumen Roofing — April....86
Asbestos Removal Complicates Roof Replacement — April....88
Solar Control Product Showcase — June....79
Coating System Protects Historic Building — June....102
Finish System Insulates, Adds Visual Appeal — June....102
Window Replacement: Building Manager's Role — July....48
Stripping 82-Year-Old Paint Presents Challenge — Aug....75
Exterior Insulation, Finish Systems — Sept....86
Interior Roller Shades Eliminate Glare — Sept....128
Military Warehouse Roof Replacement — Sept....128
Roof Inspection — Oct....50
'90s Outlook: Building Envelope — Dec....34
Window Glazing Options — Dec....38
Sealants and Coatings Product Showcase — Dec....49
Waterproofing System Protects Parking Deck — Dec....54
Metal Building Insulation — Dec....55

BUILDING RENOVATION/RETROFIT

New Asbestos Rules — Jan....34
The Retrofit Boom — Feb....24
Facility Facelifts — Feb....30
Avoiding Environmental Hazards — Feb....37
Energy-Saving Retrofits — Feb....42
Automating Your Building for the '90s — Feb....50
Replacement Windows Product Showcase — Feb....62
Selecting a BAS — March....40
Elevator Modernization — March....62
Metal Building Systems Product Showcase — March....70
Construction Planning — March....106
Window Replacement — April....22
Recladding — April....32
Fire-Safety Retrofits — Aug....43
Renovation Case Studies — Sept
- Owner Perspective....18
- Rockefeller Center....24
- Arden Fair....30
- Bowman Gray/Baptist Hospital....38
- St. Regis....46
- Tufts University....60
- Young Federal Building....67
- Sheraton Palace....72
- Baker Center....78

HVAC Needs of the Electronic Office — Oct....24
Lamp Retrofit Projected to Save Millions — Dec....54
Chiller Refrigerant Conversion — Dec....55

ENERGY MANAGEMENT

Indoor Air Quality, Energy Efficiency — Jan....24
School District Gets New Lighting System — Jan....62
Energy-Saving Retrofits — Feb....42
Office Building Finds Flexible Energy Solution — Feb....66
Hotel Sees Payback From Motor Retrofits — Feb....68
Energy Challenge: Conservation — March....26
Utilities: Affordable Efficiency — March....34
Selecting a BAS — March....40
Energy-Efficient HVAC Technology — March....48
High-Speed Network Comes to Radio City — March....110
Digital Control Helps Center Keep Cool — March....112
Selecting Insulation — April....61
EMS: Flexibility is Crucial for Hospital — April....86
Regulating Lighting Loads — May....32
Power Distribution — May....57
Fluorescent Lighting: System Reduces Costs — May....66
Reflectors Reduce Lighting Costs — May....66
Motel Chain Trims Electricity Costs — May....68
CNN Center Reduces Costs, Pollution — May....68
Utility Practices Conservation — May....70
HVAC: Balancing Cost With Comfort — June....24
Energy Management — June....70
Solar Control Product Showcase — June....79
Upgrade Cuts AC Load — June....100
BAS Manages Energy, Comfort — June....100
Renovation Includes Tenant Comfort System — June....101
Electric Submetering Installation — Aug....75
Special Report: Green Lights — Sept
- Why Green Lights?....98
- A Bright Investment....102
- Partners and Allies....112
- Environmental Issues....122

Interior Roller Shades Eliminate Glare — Sept....128
HVAC Needs of the Electronic Office — Oct....24
Remote Monitoring and Diagnostics — Oct....30
'90s Outlook: Lighting — Dec....30
Window Glazing Options — Dec....40
Lamp Retrofit Projected to Save Millions — Dec....54
Metal Building Insulation — Dec....55
Chiller Refrigerant Conversion — Dec....55

ENVIRONMENTAL ISSUES

Indoor Air Quality, Energy Efficiency — Jan 24
Evaluating Radon Risks — Jan 30
New Asbestos Rules — Jan 34
Environmental Dilemma: Which Issue Comes First? — Jan 44
Renovation: Avoiding Environmental Hazards — Feb 37
Conservation: Energy Challenge — March 26
Indoor Air Quality: Taking Action — June 43
CFC Alternatives — June 58
Special Report: Green Lights — Sept
- Why Green Lights? 98
- A Bright Investment 102
- Partners and Allies 112
- Environmental Issues 122

'92 Legal Agenda: CFCs and ADA — Nov 34
Flooring and the Environment — Nov 73
'90s Outlook: Air Quality Systems — Dec 26
Chiller Refrigerant Conversion — Dec 55

FACILITIES MANAGEMENT

Facilities Managers Prepare for Tough Times — Jan 42
Environmental Dilemma: Which Issue Comes First? — Jan 44
Scare-Device Controls Bird Problem — Jan 64
Maintenance Management Improves Movie Studio — Jan 64
Automating Your Building for the '90s — Feb 50
Utilities: Affordable Efficiency — March 34
Roofing Team: Communication Breakdown — March 81
Construction Planning — March 106
Market Perspective: Deferred Maintenance — April 70
Americans with Disabilities Act — July 28
Master Plan Helps Medical Facilities Planning — July 39
CAFM: A Fast-Changing Market — Aug 62
End-Users' Perspectives on CAFM — Aug 66
Renovation Case Studies — Sept
- Owner Perspective 18
- Rockefeller Center 24
- Arden Fair 30
- Bowman Gray/Baptist Hospital 38
- St. Regis 40
- Tufts University 60
- Young Federal Building 67
- Sheraton Palace 71
- Baker Center 78

Computer-Aided Facilities Management — Oct 43
Real Estate Cash Crunch — Nov 24
'92 Legal Agenda: CFCs and ADA — Nov 34
The Building Component Market Slump — Nov 42
Facilities Manager Survey — Nov 52
'90s Outlook: Building Data Bases — Dec 21
Intelligent Buildings — Dec 36
Accommodating Flexible Workspaces — Dec 46

HVAC

VAV: Adjustable Frequency Drive Solves Problem — Jan 63
Hotel Sees Payback from Motor Retrofits — Feb 68
Energy-Efficient HVAC Technology — March 48
Computer Rooms Demand Climate Control — April 88
HVAC: Balancing System Cost with Comfort — June 24
Microprocessor Controls — June 30
Indoor Air Quality — June 43
Thermal Storage — June 50
CFC Alternatives — June 58
Upgrade Cuts AC Load — June 100
Technology Cuts AC Electrical Consumption — June 101
HVAC Needs of the Electronic Office — Oct 24
Remote Monitoring and Diagnostics — Oct 30
'90s Outlook: Building Automation — Dec 22
'90s Outlook: Comfort Systems — Dec 29
Chiller Refrigerant Conversion — Dec 55

INTERIOR PLANNING CONSIDERATIONS

Ceiling Systems Product Showcase — Jan 58
Evaluating Commercial Carpeting — Feb 57
Elevator Modernization — March 62
Access Flooring Product Showcase — May 62
Indoor Air Quality — June 43
Carpet Life-Cycle Costs — July 22
Americans with Disabilities Act — July 28
New Importance for Interior Design — July 44
Commercial Wall Products Showcase — July 52
Interior Roller Shades Eliminate Glare — Sept 128
Hard-Surface Flooring — Nov 63
Carpet Update — Nov 68
Flooring and the Environment — Nov 73
Accommodating Flexible Workspaces — Dec 46

LIGHTING

School District Gets New Lighting System — Jan 62
Office Building Finds Energy Solution — Feb 66
Relamping Brings Three-Way Savings — March 110
A New Generation of Lighting Technology — May 26
Regulating Lighting Loads — May 32
Retail Lighting — May 46
Fluorescent Lighting: System Reduces Costs — May 66
Reflectors Reduce Lighting Costs — May 66
Motel Chain Trims Electricity Costs — May 68
CNN Center Reduces Costs and Pollution — May 68
Innovative Design Fixtures — May 70
Utility Practices Conservation — May 70
Lighting Design — June 92
Special Report: Green Lights — Sept
- Why Green Lights? 98
- A Bright Investment 102
- Partners and Allies 112
- Environmental Issues 122

Lighting Controls Product Showcase — Oct 56
'90s Outlook: Lighting — Dec 30
Lamp Retrofit Projected to Save Millions — Dec 54

SAFETY/SECURITY

Campus Safety and Security — April 82
High-Rise Fire Safety — Aug 22
Electronic Security — Aug 28
Fire-Safety Retrofits — Aug 43
Electronic Access Control — Aug 50
Fire Suppression Systems Product Showcase — Aug 56
Self-Testing Emergency Lighting — Aug 72
Access Control: Locks Meet Security Needs — Aug 72
U.N. Turns to Electronic Protection — Aug 74
'90s Outlook: Safety/Security — Dec 34